

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method of wiring an electrical terminal (2) of an electrical device (1), the method comprising the steps of:

(a) providing a position controllable wiring finger (31) having an insulating electrical wire (20) supplied thereto and a wire outlet (35), and a pressure element (37) including a cutting means (38), movable with respect to ~~said~~ the wiring finger and located adjacent thereto,

wherein ~~said~~ the terminal (2) comprises an insulated housing (4); and

a connection zone defined within ~~said~~ the insulated housing, ~~said~~ the connection zone including a slit blade insulation piercing connector (SBIPC) (11) located in ~~said~~ the housing in a position protected against accidental touching[[,]];

~~comprising, in accordance with the invention,~~

(b) ~~for~~ establishing an initial terminal connection between a leading end of the wire (20) and the electrical terminal (2), the establishing of the initial connection comprising the steps of

(i) positioning ~~said~~ the wiring finger (31) spaced from the terminal (2) and outside of the ~~contact~~ connection zone (3) and portions of the insulated housing surrounding the SBIPC (11)[[;]],

(ii) feeding a predetermined length of the wire from the wiring finger ~~over~~ along the pressure element (37), whereby and positioning the wire with the pressure element to be will be positioned adjacent to the wire outlet (35) of the wire from the wiring finger at the a side thereof remote of the wiring finger spaced from the contact connection zone[[,]] and against the

wire outlet by the pressure element[[;]], with the wiring finger and the pressure element being in a predetermined spatial position relative to each other, and

(iii) causing relative movement towards each other of the wiring finger (31) and the ~~contact~~ connection zone (3) of the electric terminal (2), and thereby pressing the wire (20) by ~~pressure~~ of the pressure element into the SBIPC (11) of the ~~contact~~ connection zone (3) [[,]] while maintaining the relative spatial position of the ~~contact~~ wiring finger and of the pressure element (37) relative to each other so that the wiring finger (31) is located outside the connection zone (3) and the portions of the insulated housing surrounding the SBIPC (11); and

(c) ~~further, for~~ establishing a final wire connection between a trailing end of the wire (20) and the electrical terminal, the establishing of the final connection comprising the steps of:

(i) positioning said the wiring finger (31) spaced from the electrical terminal and outside of the ~~contact~~ connection zone (3) and the portions of the insulated housing surrounding the SBIPC (11), and further such so that a portion of the wire adjacent said the outlet (35) from of said the wiring finger is at a the side thereof remote of the wiring finger spaced from the ~~contact~~ connection zone, and said the wire will be is supported by said the pressure element (37)[[;]],

(ii) causing relative movement of the pressure element (37) towards said ~~contact~~ the connection zone and, additionally, movement of the pressure element relative ~~with respect to~~ said the wiring finger (31), thereby cutting the wire close to the SBIPC (11) by said the cutting means (38)[[;]], and

(iii) immediately ~~thereafter~~ after the cutting the wire, pressing, by means of said the pressure element (37), the wire into the SBIPC (11) while maintaining the wiring finger outside of the ~~contact~~ connection zone and the portions of the insulated housing surrounding the SBIPC.

2. (withdrawn, currently amended) The method of claim 1, further comprising, for through-wiring the wire (20) to a terminal (2) positioned between an initial portion and a trailing portion of the wire, the steps of

positioning ~~said~~ the wiring finger (31) spaced from the terminal (2) to be through-wired in a position in which said outlet (35) is spaced from the ~~contact~~ connection zone (3) of the terminal (2) and said wire, at the side ~~thereof~~ remote of the wiring finger spaced from the ~~contact~~ connection zone, is supported by ~~said~~ the pressure element (37);

pressing the wire adjacent ~~said~~ the outlet (35) by ~~said~~ the pressure element into the SBIPC (11), while maintaining the position of the finger outside of the ~~contact~~ connection zone and portions of the insulated housing surrounding the SBIPC (11).

3. (withdrawn, currently amended) The method of claim 1, including the step of pre-centering and pre-positioning the wire (20) in the region of the ~~contacting~~ connection zone (3) relative to the SBIPC (11) immediately in advance of pressing, by ~~said~~ the pressure element (37), ~~said~~ the wire into the SBIPC (11).

4. (currently amended) The method of claim 1, wherein ~~said~~ the pressure element comprises two pressure surface portions (46, 47) of essentially equal length, and positioned in a common plane of symmetry;

and wherein in said step of establishing ~~an~~ said initial terminal connection, ~~or establishing a through-wire connection~~, a first one (46) of ~~said~~ the pressure surface portions (46, 47) which is located remote from ~~said~~ the outlet (35) of the wiring finger, is in alignment with, and engages ~~said~~ the wire for pressing the wire into the SBIPC (11); and

wherein, in said step for establishing a said final wire connection, ~~that a second~~ one (47) of ~~said~~ the pressure ~~element~~ surface portions which is close to ~~said~~ the outlet (35) of the wiring finger is placed in alignment with the SBIPC (11) for insertion into ~~said~~ the SBIPC by ~~said~~ the pressure element.

5. (withdrawn, currently amended) The method of claim 1 wherein, for establishing a said final wire connection, ~~the~~ said step of cutting ~~the~~ said wire comprises cutting the wire immediately adjacent a terminal edge of ~~said~~ the outlet (35) of the wiring finger.

6. (withdrawn, currently amended) The method of claim 5, including the step of retaining a cut end of the wire (20) contacted by ~~said~~ the SBIPC (11) within the portions of the insulating housing in positions ~~secure~~ secured against accidental contact with the cut wire.

7.-32. (cancelled)